

For Research Use Only

# DPYD Polyclonal antibody

Catalog Number: 25690-1-AP



## Basic Information

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|--|--|--|
| <b>Catalog Number:</b><br>25690-1-AP                           | <b>GenBank Accession Number:</b><br>BC008379         | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>150ul , Concentration: 1000 ug/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>1806                        | <b>Recommended Dilutions:</b><br>WB 1:1000-1:6000            |
| <b>Source:</b><br>Rabbit                                       | <b>UNIPROT ID:</b><br>Q12882                         |  |
| <b>Isotype:</b><br>IgG   | <b>Full Name:</b><br>dihydropyrimidine dehydrogenase |  |
| <b>Immunogen Catalog Number:</b><br>AG20885                    | <b>Calculated MW:</b><br>1025 aa, 111 kDa            |  |
|  | <b>Observed MW:</b><br>111 kDa                       |  |

## Applications

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|--|---|
| <b>Tested Applications:</b><br>WB, ELISA | <b>Positive Controls:</b><br>WB : mouse liver tissue, |
| <b>Species Specificity:</b><br>mouse     |   |

## Background Information

The protein encoded by this gene is a pyrimidine catabolic enzyme and the initial and rate-limiting factor in the pathway of uracil and thymidine catabolism. Mutations in this gene result in dihydropyrimidine dehydrogenase deficiency, an error in pyrimidine metabolism associated with thymine-uraciluria and an increased risk of toxicity in cancer patients receiving 5-fluorouracil chemotherapy.

## Storage

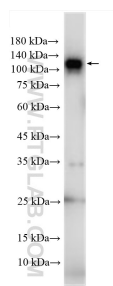
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 25690-1-AP (DPYD antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.